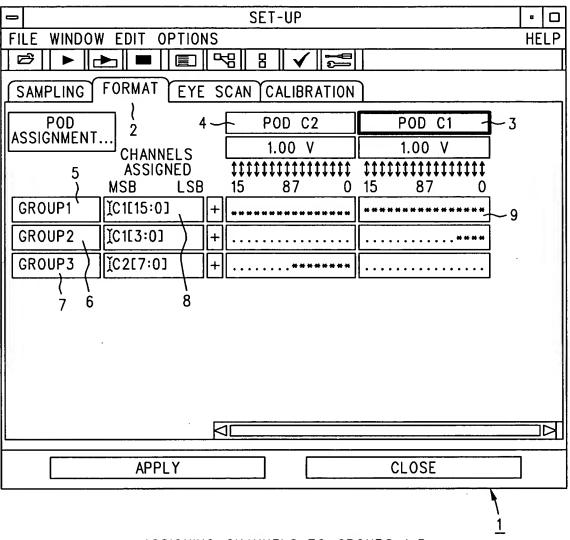
Agilent Technologies, Inc. Case: 10011220-1
Title: Forced-Alignment Measurement Tools For
Composite Eye Diagrams...
Inv: Richard A. Nygaard, Jr.
Page 1 of 15

1/15

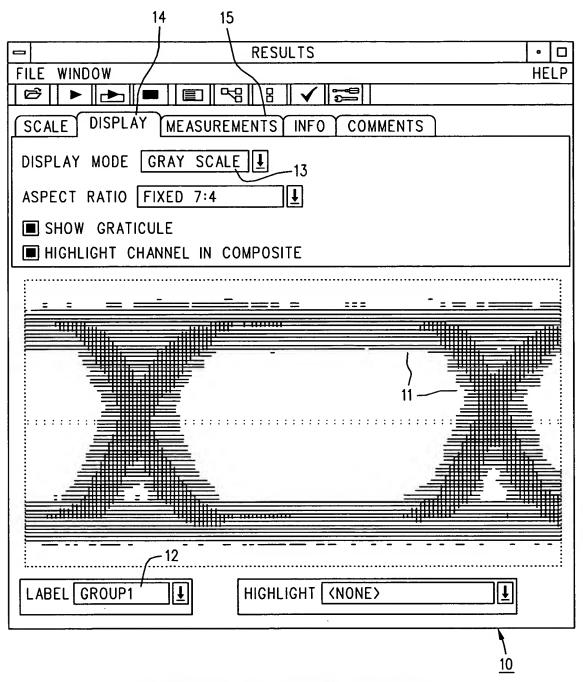


ASSIGNING CHANNELS TO GROUPS 1-3

FIG. 1 (PRIOR ART)

Agilent Technologies, Inc. Case: 10011220-1
Title: Forced-Alignment Measurement Tools For
Composite Eye Diagrams...
Inv: Richard A. Nygaard, Jr.
Page 2 of 15

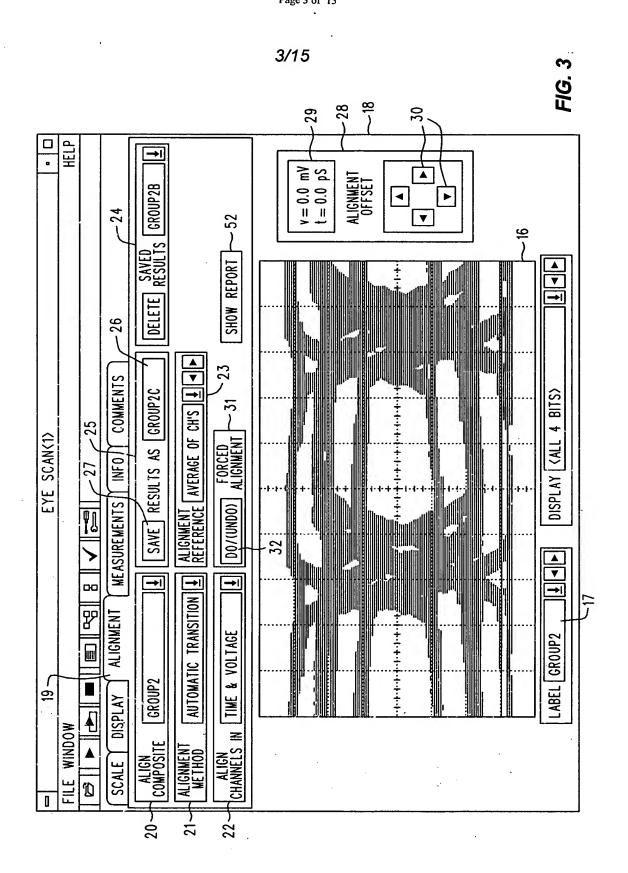
2/15



A COMPOSITE EYE DIAGRAM FOR GROUP 1

FIG. 2 (PRIOR ART)

Agilent Technologies, Inc. Case: 10011220-1
Title: Forced-Alignment Measurement Tools For
Composite Eye Diagrams...
Inv: Richard A. Nygaard, Jr.
Page 3 of 15



Agilent Technologies, Inc. Case: 10011220-1
Title: Forced-Alignment Measurement Tools For
Composite Eye Diagrams...
Inv: Richard A. Nygaard, Jr.
Page 4 of 15

4/15

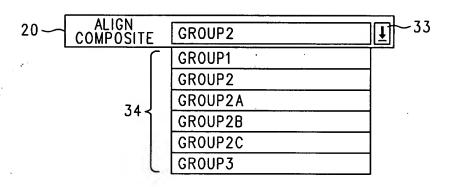


FIG. 4A

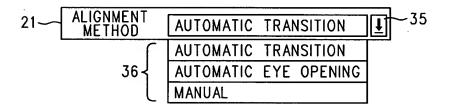


FIG. 4B

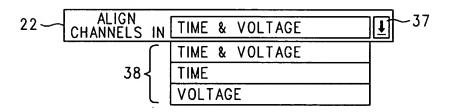


FIG. 4C

Agilent Technologies, Inc. Case: 10011220-1
Title: Forced-Alignment Measurement Tools For
Composite Eye Diagrams...
Inv: Richard A. Nygaard, Jr.
Page 5 of 15

5/15

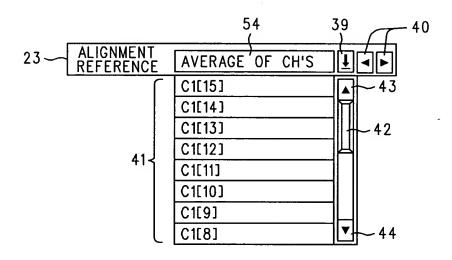


FIG. 4D

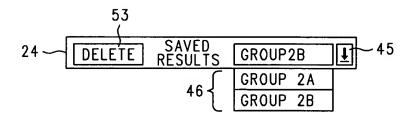
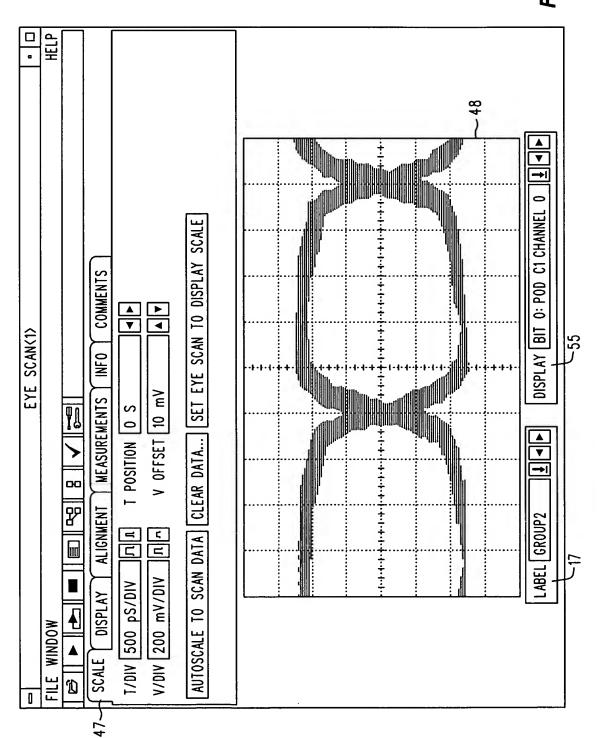


FIG. 4E

Agilent Technologies, Inc. Case: 10011220-1
Title: Forced-Alignment Measurement Tools For
Composite Eye Diagrams...
Inv: Richard A. Nygaard, Jr.
Page 6 of 15

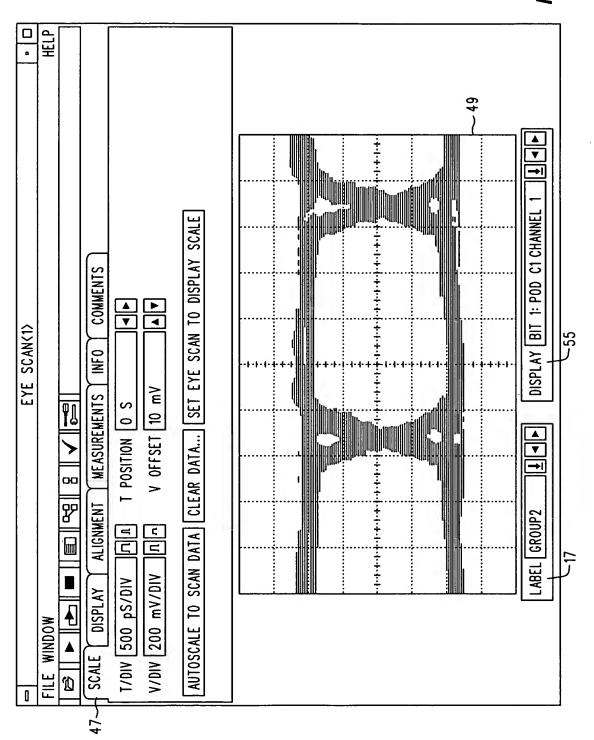
6/15

FIG. 5



7/15

⁻/G. 6

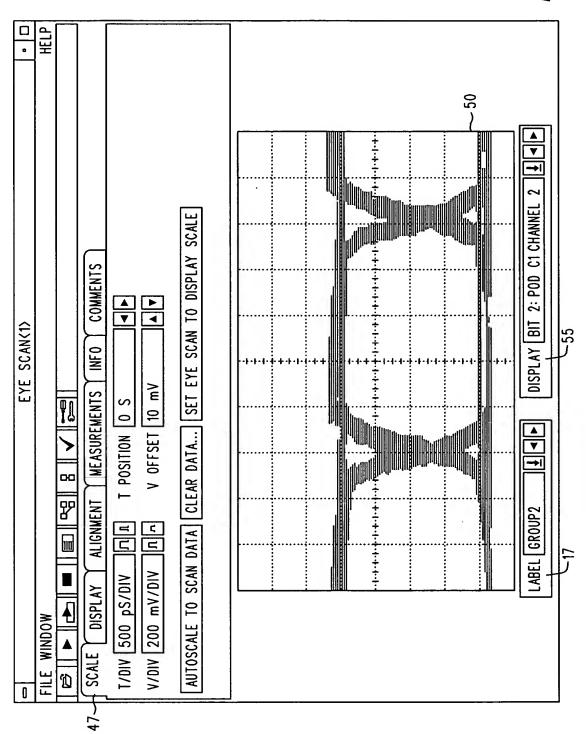


Agilent Technologies, Inc. Case: 10011220-1
Title: Forced-Alignment Measurement Tools For
Composite Eye Diagrams...
Inv: Richard A. Nygaard, Jr.

Page 8 of 15

8/15



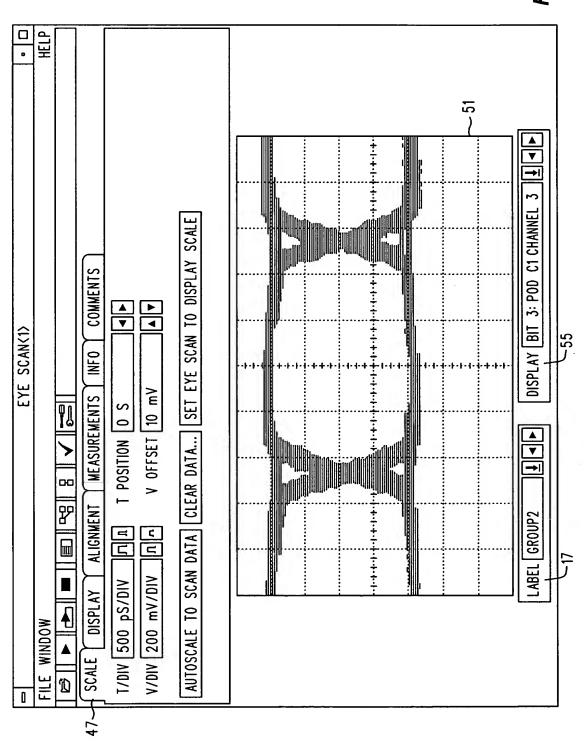


Agilent Technologies, Inc. Case: 10011220-1
Title: Forced-Alignment Measurement Tools For Case: 10011220-1 Composite Eye Diagrams... Inv: Richard A. Nygaard, Jr.

Page 9 of 15

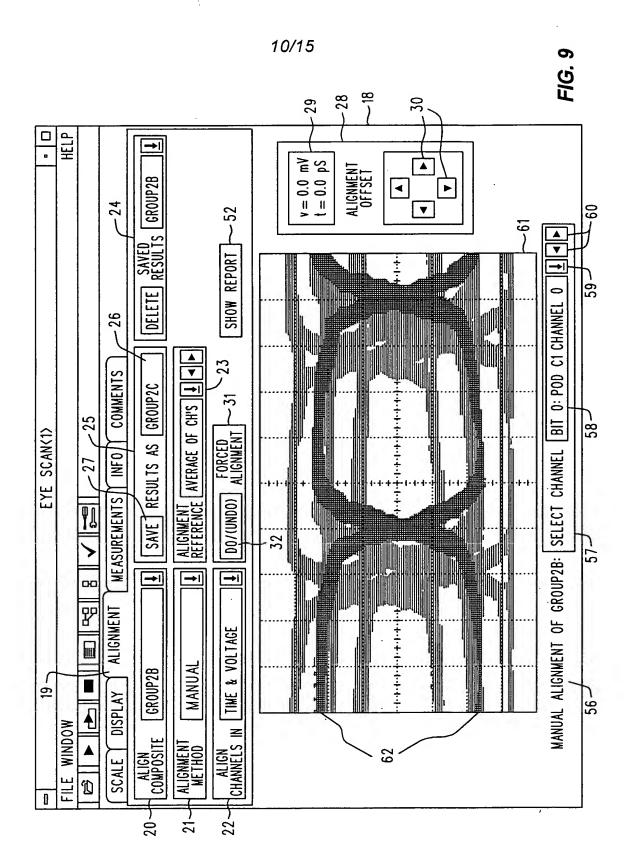
9/15

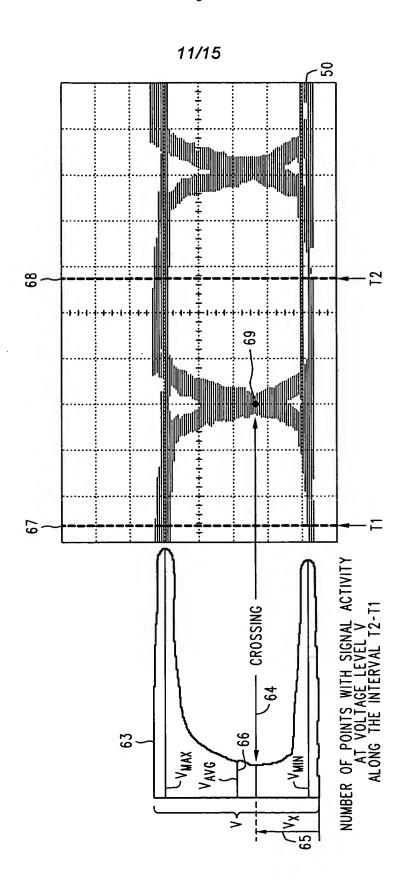
FIG. 8



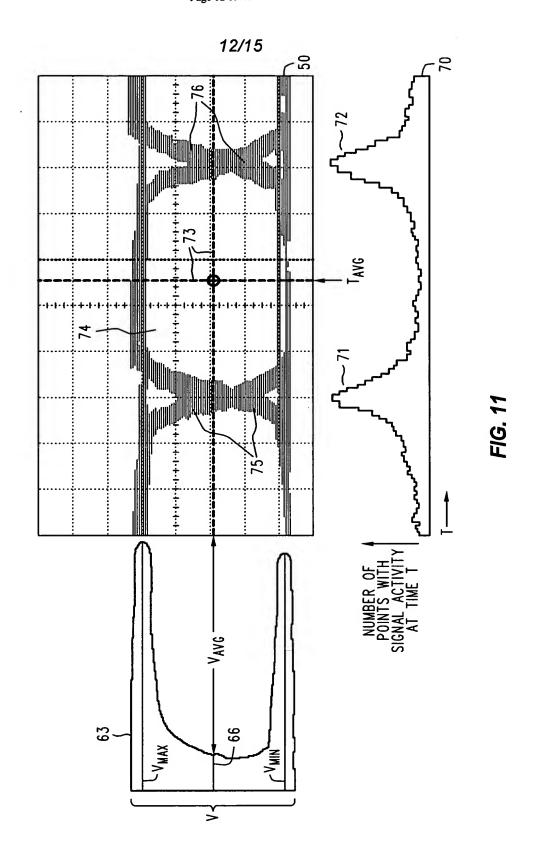
Agilent Technologies, Inc. Case: 10011220-1
Title: Forced-Alignment Measurement Tools For
Composite Eye Diagrams...
Inv: Richard A. Nygaard, Jr.







Agilent Technologies, Inc. Case: 10011220-1
Title: Forced-Alignment Measurement Tools For
Composite Eye Diagrams...
Inv: Richard A. Nygaard, Jr.
Page 12 of 15



Agilent Technologies, Inc. Case: 10011220-1
Title: Forced-Alignment Measurement Tools For
Composite Eye Diagrams...
Inv: Richard A. Nygaard, Jr.
Page 13 of 15

13/15

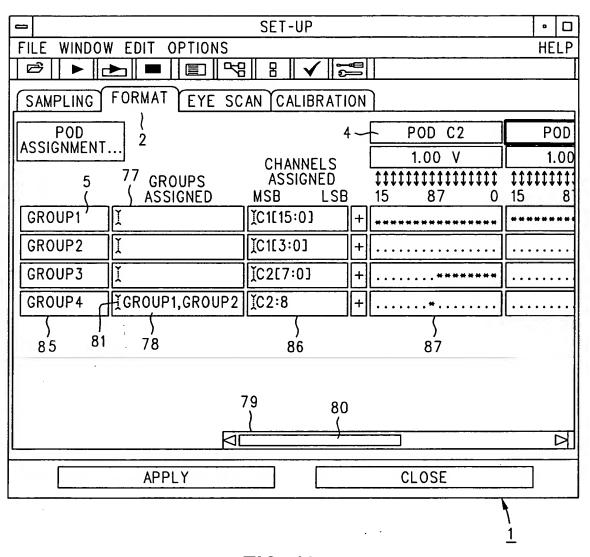


FIG. 12

Agilent Technologies, Inc. Case: 10011220-1 Title: Forced-Alignment Measurement Tools For Composite Eye Diagrams...
Inv: Richard A. Nygaard, Jr.

Page 14 of 15

14/15

c	4	ERENCE IN CHANNEL	GROUP	OFFSET (RELATIVE	LIGNMENT REFERENCE IN CHANNEL GROUP OFFSET (RELATIVE TO GROUP REFERENCE)
<u></u> ~70		VOLTAGE (VOLTS)	REF	TIME (nSEC)	VOLTAGE (VOLTS)
GROUP2C:0	-1.85	-0.24		-0.01	0.04
GROUP2C:1	-1.71	-0.28		0.13	-0.01
GROUP2C:2	-1.93	-0.31		-0.09	-0.04
GROUP2C:3	-1.88	-0.27		-0.04	0.01
GROUP2C: AVERAGE	-1.84	-0.28	X	0.00	0.00

GROUP OF CHANNELS FIG. 13A

0.3	₹1	LIGNMENT REFERENCE IN CHANNEL	GROUP	OFFSET (RELATIVE	OFFSET (RELATIVE TO GROUP REFERENCE)
) ()	TIME (nSEC)	VOLTAGE (VOLTS)	띭	TIME (nSEC)	VOLTAGE (VOLTS)
GROUP4B:GROUP2C	-1.84	-0.28	×	0.00	0.00
GROUP 4B: GROUP 1B	-1.71	-0.28		0.13	-0.01
GROUP4B:GROUP3B	-1.93	-0.31		-0.09	-0.04
GROUP4B:AVERAGE	-1.37	-0.22		0.47	90.0

GROUP OF GROUPS **FIG. 13B**

Agilent Technologies, Inc. Case: 10011220-1
Title: Forced-Alignment Measurement Tools For
Composite Eye Diagrams...
Inv: Richard A. Nygaard, Jr.
Page 15 of 15

15/15

ò	A.	LIGNMENT REFERENCE IN CHANNEL	GROUP	OFFSET (RELATIVE	GROUP OFFSET (RELATIVE TO GROUP REFERENCE)
Ø4.	TIME (nSEC)	VOLTAGE (VOLTS)	띪	TIME (nSEC)	VOLTAGE (VOLTS)
GROUP4C:GROUP2C	-1.84	-0.28		-0.04	-0.01
GROUP4C:GROUP1B	-1.71	-0.28		0.17	-0.01
GROUP4C:GROUP3B	-1.93	-0.31		-0.05	-0.04
GROUP4C:0	-1.88	-0.27	×	0.00	0.00
GROUP4C:AVERAGE	-1.84	-0.28		0.04	-0.01

GROUP OF BOTH GROUPS AND CHANNELS